

Central Valley Regional Water Quality Control Board

28 March 2017

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San Ramon, CA 94583

CERTIFIED MAIL
91 7199 9991 7035 8420 2043

NOTICE OF APPLICABILITY

**WATER QUALITY ORDER 2003-0003-DWQ
STATEWIDE WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH
A LOW THREAT TO WATER QUALITY
PACIFIC GAS & ELECTRIC COMPANY,
NATURAL GAS PIPELINE RETIREMENT PROJECT R-610,
SACRAMENTO COUNTY**

On 13 March 2017, Pacific Gas & Electric Company (PG&E) submitted a Notice of Intent (NOI) to obtain coverage under Water Quality Order 2003-0003-DWQ, *Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality* (hereafter General Order) for excavation dewatering. The submittal contains all the information required to evaluate applicability of the General Order; therefore, the NOI is considered complete. Based on the information provided in the NOI, the discharge meets the conditions of the General Order. The discharge is hereby covered under State Water Resources Control Board General Order 2003-0003-DWQ-0164. Please include this number on all correspondence related to this discharge.

PROJECT LOCATION

PG&E is planning on deactivating (abandoning in place) a natural gas pipeline segment beginning at PG&E's Isleton Town Regulator Station and ending at a vault approximately 70 feet north of Grand Island Road. The project pipeline segment location is shown on Attachment A.

The Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, Fourth Edition, revised October 2011 (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, contains implementation plans and policies for protecting waters of the basin, and incorporates by reference plans and policies adopted by the State Water Resources Control Board. Pursuant to §13263(a) of the California Water Code (CWC), waste discharge requirements must implement the Basin Plan.

PROJECT DESCRIPTION

PG&E is planning on retiring approximately 964 feet of 6- and 8-inch pipeline. The pipeline will be cut out at the connection to the transmission system. The pipeline purged with an inert gas to assure no natural gas remains in the line before the line is capped and left in place. It is

anticipated that dewatering of the excavations due to groundwater intrusion will be necessary. Dewatering will be performed using in-pit submersible pumps or a series of groundwater extraction wells advanced adjacent to the project work areas. Groundwater will be dewatered and consolidated in fractionation tanks and staged within the temporary project construction easement to allow for sediment to settle. PG&E will then transfer the extracted water to private property via water trucks and/or temporary overland pipe conveyances for distribution via existing or temporary irrigation systems.

PG&E conducted a Geotracker and Envirostor database search on the northern and southern portions of the project to evaluate the proximity to potential groundwater or soils contamination from nearby release sites. There were no sites of potential environmental concern identified within 1,000 feet of the northern portion of the project (north of the Sacramento River). Two sites of potential environmental concern were identified within 1,000 feet of the southern portion of the project (south of the Sacramento River). One site is a former leaking underground storage tank (LUST) site that had total petroleum hydrocarbons (TPH) as gasoline and TPH as diesel in groundwater and was closed by the Central Valley Water Board. The other site has been inactive since 1985. Prior to discharge, PG&E will collect a representative effluent sample from the southern end of the project. If data show elevated concentrations of contaminants or pollutants, PG&E will filter the discharge water using a granular activated carbon (GAC) filter to address potential contamination that may be present due to the proximity of the closed LUST site.

Prior to land application of dewatering discharge, at least one representative sample prior to filtration and one post-filtration sample will be collected and analyzed for TPH as gasoline and diesel; benzene, toluene, ethylbenzene, and xylenes (BTEX); and pH. Discharge samples from the northern portion of the site will be collected if visual or olfactory observations indicate the extracted water is potentially contaminated (i.e., the presence of a sheen). If the discharge contains TPH or BTEX constituents, the contamination will be evaluated to determine an appropriate management alternative, such as on-site treatment or offsite transport and disposal. Discharge monitoring is discussed in PG&E's Discharge Monitoring Plan included in the NOI.

PG&E has obtained permission from the owner of a 2.4 acre parcel of land adjacent to PG&E's Isleton Town Regulator Station at the southernmost extent of the project limits to discharge water. It is anticipated that discharge to the land application area will occur in early June 2017 and will extend for a period of 6 to 8 weeks, depending on the project construction schedule. Discharges will occur intermittently and up to 20,000 gallons per day of water may be applied to the land application area.

FACILITY-SPECIFIC REQUIREMENTS

The General Order and this Notice of Applicability regulates construction dewatering and hydrostatic testing water discharges at the natural gas pipeline retirement project R-610.

1. Water generated during construction dewatering shall be disposed of as described in the Notice of Intent and in accordance with the requirements contained in the General Order.
2. Construction dewatering discharges at a location or in a manner different from that described in the Notice of Intent or this Notice of Applicability is prohibited.

3. All technical reports required herein that involve evaluation, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code, section 6735, 7835, and 7835.1. As required by these laws, completed technical reports must bear the signature(s) and seal(s) of the registered professional(s) in a manner such that all work can be clearly attributed to the professional responsible for the work.
4. Analytical results shall be submitted on a semi-annual basis in accordance with the requirements the General Order's Monitoring and Reporting Program and in PG&E's Discharge Monitoring Plan (Attachment B). For discharges occurring between January and June, the semi-annual monitoring report is due August 15, and for discharges occurring between July and December, the monitoring report is due February 15.
5. The Discharger shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board) until the Notice of Applicability is officially terminated.
6. Failure to abide by the conditions of the General Order, including its monitoring and reporting requirements, and this letter authorizing applicability could result in enforcement actions, as authorized by provisions of the California Water Code.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondence should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

Facility Name: Pipeline Retirement Project R-610, Sacramento County		
Program: Non-15 Compliance	Order: R5-2003-0003-DWQ-0164	CIWQS Place ID: 833741

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Guy Childs is your new point of contact for any questions about the Order. In addition, all monitoring and technical reports should be submitted to him. The enclosed transmittal sheet shall be included with each monitoring report. If you find it necessary to make a change to your permitted operations, Guy will direct you to the appropriate Permitting staff. You may contact Guy at (916) 464-4648 or at gchilds@waterboards.ca.gov.


PAMELA C. CREEDON
Executive Officer

Enclosures: Water Quality Order No. 2003-0003-DWQ
Attachment A – Project Location Map

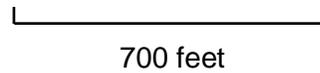
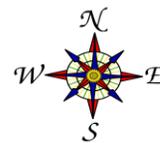
cc w/encl: Daniel Sanchez, PG&E, San Ramon

cc w/o encl: Sacramento County Environmental Health Department, Sacramento



Legend

-  Natural Gas Line to be Retired
-  PG&E Isleton Town Reg Station
-  Land Discharge Area
-  Proposed Tank Staging Area



PROJECT LOCATION MAP
PG&E PIPELINE RETIREMENT
PROJECT R-610
SACRAMENTO COUNTY